

Material Safety Data Sheet

Revision Issued: 6/22/2010 Supercedes: 7/21/2003 First Issued: 10/22/96

Section I - Chemical Product And Company Identification

Product Name: Desert Crete Polymer 550

CAS Number: N/A

HBCC MSDS No. CD01550



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Section II - OSHA Regulated Ingredients

Chemical Name	CAS Number	Exposure Limits (TWAs) in Air		
		ACGIH TLV	OSHA PEL	STEL
No OSHA Regulated Ingredients				

Section III - Hazard Identification

Routes of Exposure: Eyes, skin, inhalation

Summary of Acute Health Hazards

Ingestion: No hazard in normal industrial use. Low order of toxicity.

Inhalation: Vapors may be irritating to respiratory system and nasal passages.

Skin: Frequent or prolonged contact may irritate the skin.

Eyes: Slightly irritating but does not injure eye tissues.

Summary of Chronic Health Hazards: N/A

Medical Conditions Generally Aggravated by Exposure: N/A

Note to Physicians: N/A

Section IV - First Aid Measures

Ingestion: If swallowed induce vomiting only if victim is alert. Get prompt medical attention. Do Not attempt to give anything by mouth to a drowsy or unconscious person.

Inhalation: Remove to fresh air. Get medical attention if irritation persists.

Skin: Flush with large amounts of water; use soap, if available.

Eyes: Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, get medical attention.

Section V - Fire Fighting Measures

Flash Point: : Non-Flammable

Autoignition Temperature: N/A

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

Unusual Fire and Explosion Hazards: Dry polymer film will burn. CO₂ and CO may be emitted.

Extinguishing Media: Water fog; Foam; CO₂; Dry chemical

Special Firefighting Procedures: Fire fighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

Section VI - Accidental Release Measures

Spills should be taken up with suitable absorbent and placed in containers. Spill area can be washed with water; collect wash water for approved disposal. Do not flush to storm sewer or waterway.

Section VII - Handling and Storage

Open drums in well ventilated area. Avoid breathing vapors.

Other Precautions: N/A

Section VIII - Exposure Controls/Personal Protection

Respiratory Protection: None required under normal handling conditions. Use NIOSH approved respirator if vapor or mist levels are irritating.

Ventilation: Local ventilation is adequate.

Protective Clothing: The use of chemically resistant gloves is recommended. Rubber boots and apron if exposure is severe. Soiled clothing should be laundered before re-use.

Other Protective Clothing or Equipment: Wear safety glasses with side shields.

Work/Hygienic Practices: Wash hands with plenty of soap and water before eating, smoking, and using toilet facilities. Do NOT place food, coffee or other drinks in the area where dusting or splashing of solutions is possible.

Section IX - Physical and Chemical Properties

Physical State: Liquid

pH: N/A

Melting Point/Range: N/A

Boiling Point/Range: 212°F

Appearance/Color/Odor: Milk white aqueous emulsion, sweet odor.

Solubility in Water: Miscible

Vapor Pressure (mmHg): 24 @ 25°C

Specific Gravity (Water=1): 1.02 - 1.04

Molecular Weight: N/A

Vapor Density (Air=1): 0.6

% Volatiles: 51.2 - 52.2 (by volume)

Evaporation Rate (Bu-Ac=1): 0.4

% VOC: zero

Section X - Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Materials to Avoid: Substances which react with water.

Hazardous Decomposition Products/Conditions to Avoid: Stable under normal temperature and pressure.

Section XI - Toxicological Information

N/A

Section XII - Ecological Information

N/A

Section XIII - Disposal Considerations

Waste disposal should be in accordance with existing federal, state and local regulations. Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied. This product does not meet the definition of hazardous waste.

Section XIV - Transport Information

DOT Proper Shipping Name: N/A

DOT Hazard Class/ I.D. No.: N/A

Section XV - Regulatory Information

WARNING

This product contains Acetaldehyde, a chemical known to the State of California to cause cancer

Reportable Quantity: N/A

NFPA Rating: Health - 1; Flammability - 0; Instability - 0

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

Carcinogenicity Lists: No **NTP:** No **IARC Monograph:** No **OSHA Regulated:** No

Section XVI - Other Information

Synonyms/Common Names: N/A

Chemical Family/Type: Styrene-Acrylic Copolymer

Sections changed since last revision: I, IX, XV

IMPORTANT! Read this MSDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure. This MSDS has been prepared according to the OSHA Hazard Communication Standard [29 CFR 1910.1200]. The MSDS information is based on sources believed to be reliable. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, [Hill Brothers Chemical Company](#) makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Also, additional information may be necessary or helpful for specific conditions and circumstances of use. It is the user's responsibility to determine the suitability of this product and to evaluate risks prior to use, and then to exercise appropriate precautions for protection of employees and others.